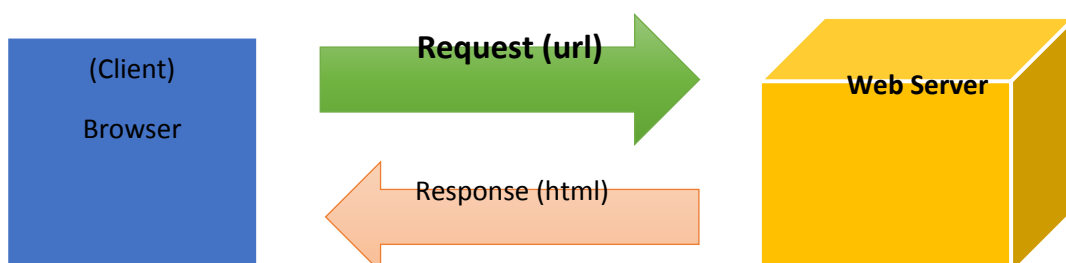- Website :- It is a collection of web pages.
- Web page :- It is a collection of data. It can have text, images, audio , video, graphics, hyperlinks.
- Hyper link :- It is a link which is used to navigate to other pages or websites.
- Home Page / Landing page :- It is the first page which will be displayed as soon as you open/visit the website.
- All web sites are stored on a Web Server.
- Web server is a software that may be installed on your local server in your office or it may be available on Internet.
- We can also install a web server in our machine (Laptop). That means we have both client and server in one machine.
- Browser is a software which is used to view / watch websites from Web Server.
- By typing url (Uniform Resource Locator) we can see the website.
- Website can also be called as portal.
- HTTP: Hyper Text Transmission Protocol. It is used to transfer data over internet.
- How the Request → Response cycle will be done on a Website.

(Client) Browser	Request (url) →	Web Server
	← Response (html)	

Browsers examples:

- Edge, Firefox, Opera, Brave, Safari, Google Chrome.

Web Server Examples

- IIS (Internet Information Services) , Kestrel, Apache Tomcat, Web Logic, Web Sphere, JBoss etc.

IDE (Integrated Development Environment)

- IDE is a software which is used to write code, compile and execute your code.
- E.g.
    - Java – Editplus, Eclipse, STS(spring tool suite) IntelliJ, NetBeans
    - Python - Pycharm, Jupiter Notebook, Spyder,
    - .Net -   Visual Studio 2022.
- IDEs for UI Technologies
    - Notepad, Notepad++, VS Code, Atom, Brackets, Sublime text etc.

Tag :- It is a text between angular brackets.

e.g. <html>

    <body>

Attribute : It is used to specify any options to tags.

<body bgcolor="yellow" text="blue">

HTML is a case insensitive language. Means you can write either in Upper case or Lower case or both.

But lower case is highly recommended.